TOTAL: 10 CPU SECONDS

Lv	RL	CALLS	%BASE	%CUM	INDENT HkKey_HkName
0	1	1	0.00	100.00	AC_test_pidtid
1	1	1	0.00	100.00	- MAIN
2	1	1	10.00	40.00	--A
3	1	2	20.00	30.00	---B
4	1	1	10.00	10.00	----C
2	1	1	10.00	60.00	--B
3	1	1	10.00	50.00	---A
4	1	1	10.00	10.00	----C
4	1	1	0.00	30.00	----X
5	1	1	10.00	10.00	----+E
5	1	1	10.00	10.00	----+F
5	1	1	10.00	10.00	----+G

FIG. 7

TRACE DATA FOR EXECUTION OF FIRST BUILD OF COMPUTER PROGRAM

0 pidtid xyz
3 > A
2 > B
7 < B
1 > C
5 > D
7 < D

FIG. 8A

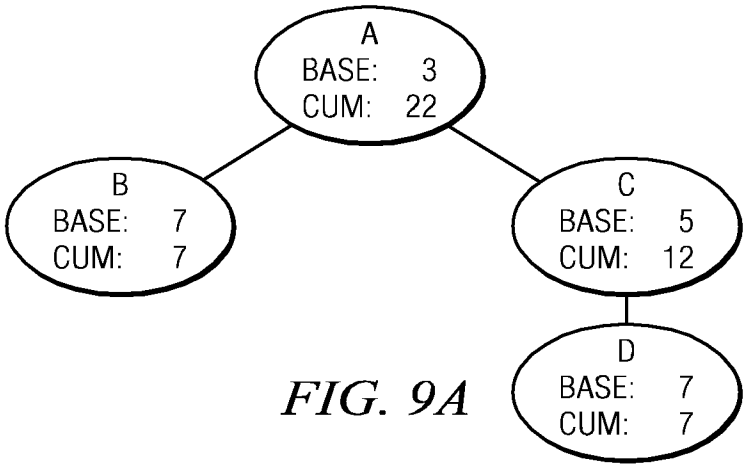

FIG. 9A

TRACE DATA FOR EXECUTION OF SECOND BUILD OF COMPUTER PROGRAM

0 pidtid xyz
3 > A
2 > B
7 < B
1 > C
5 > E
6 < E

FIG. 8B

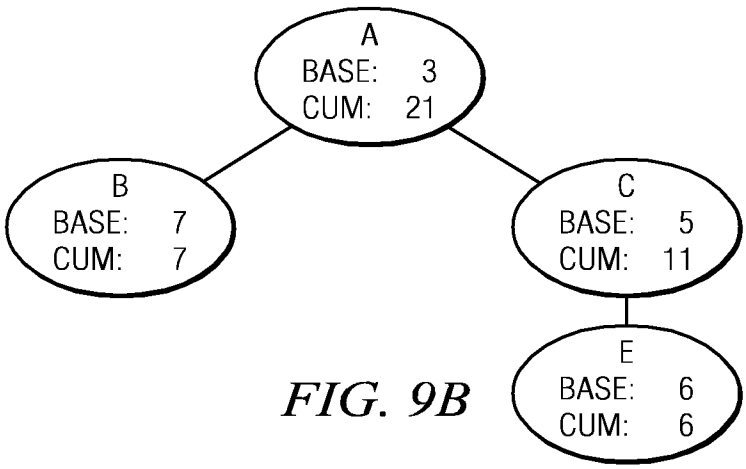

FIG. 9B

1040 1010 1020

TOTAL: 25 CPU SECONDS

Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	INDENT HkKey_HkName
0	1	2	12.00	100.00	3	25	xyz_pidtid
1	1	1	12.00	88.00	3	22	- A
2	1	1	28.00	28.00	7	7	--B
2	1	1	20.00	48.00	5	12	--C
3	1	1	28.00	28.00	7	7	---D

FIG. 10A

1030 1010 1020

TOTAL: 24 CPU SECONDS

Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	INDENT HkKey_HkName
0	1	2	12.50	100.00	3	24	xyz_pidtid
1	1	1	12.50	87.50	3	21	- A
2	1	1	29.17	29.17	7	7	--B
2	1	1	20.83	45.83	5	11	--C
3	1	1	25.00	25.00	6	6	---E

FIG. 10B

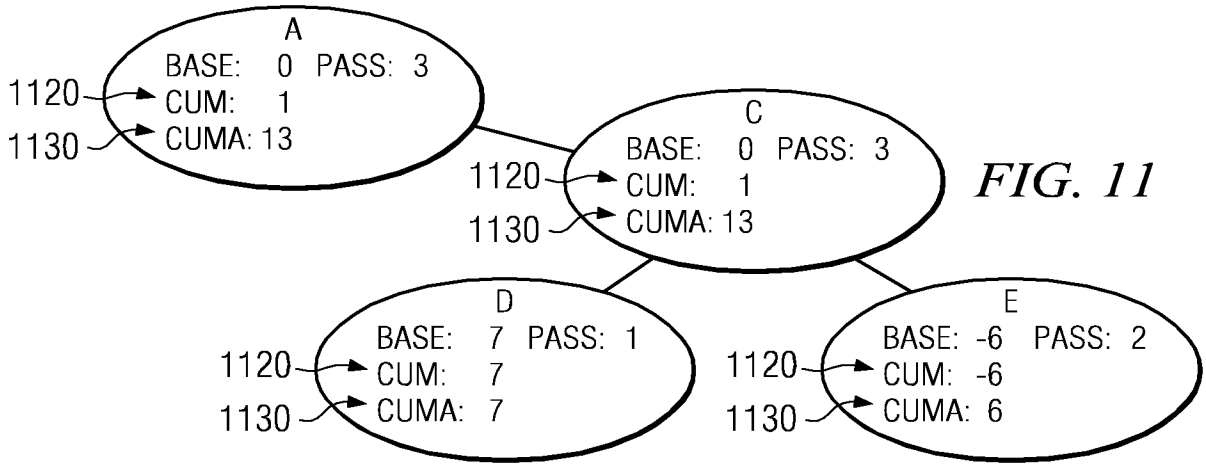

FIG. 11

TOTAL: 25 CPU SECONDS IN TREE A USED AS BASE FOR PERCENTAGES

Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	CumA	PASS	INDENT HkKey_HkName
0	1	0	0.00	4.00	0	1	13		difference_pidtid
1	1	0	0.00	4.00	0	1	13	3	- A
2	1	0	0.00	4.00	0	1	13	3	--C
3	1	1	28.00	28.00	7	7	7	1	---D
3	1	-1	-24.00	-24.00	-6	-6	6	2	---E

FIG. 12

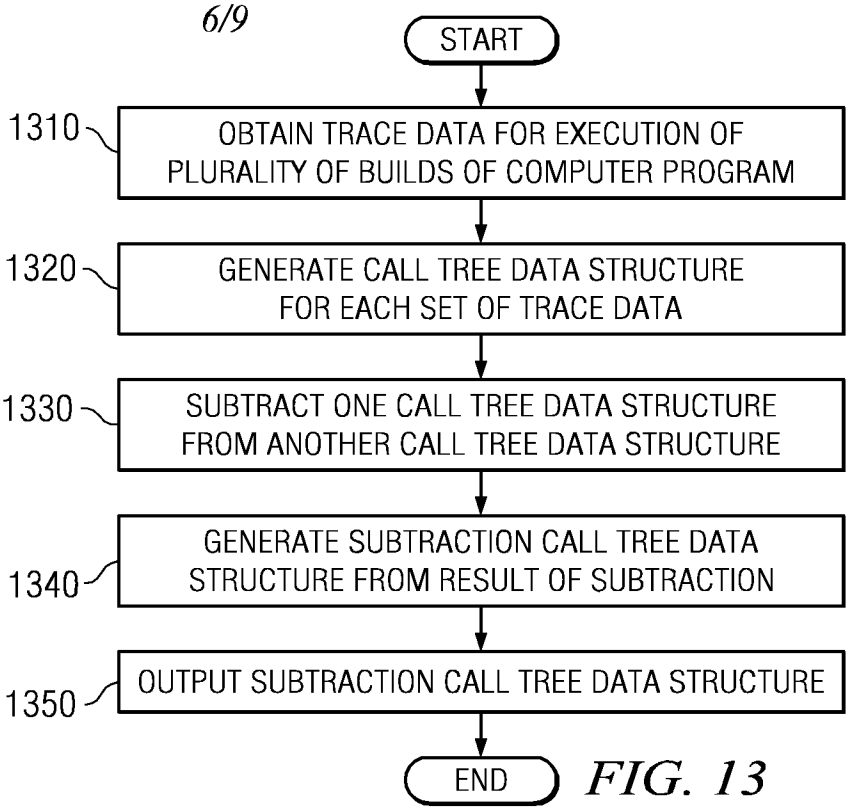

FIG. 13

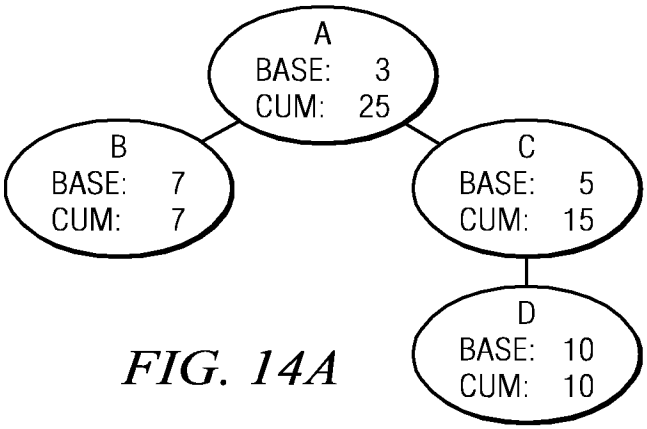

FIG. 14A

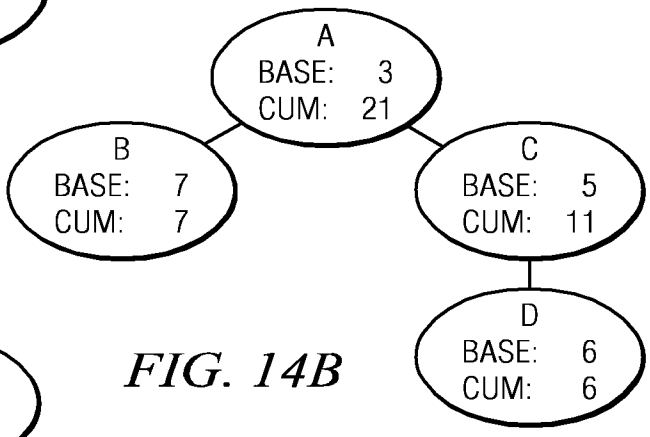

FIG. 14B

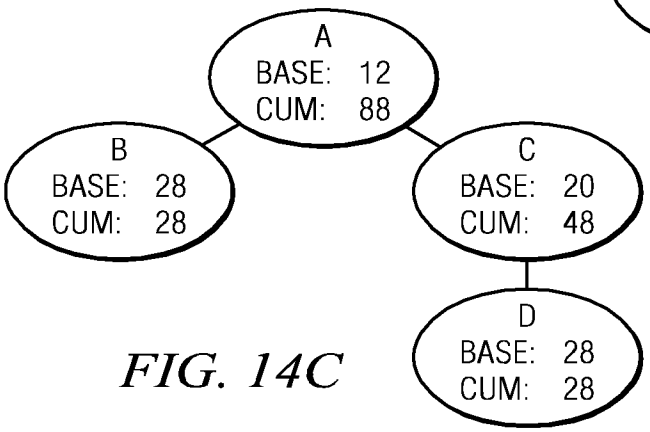

FIG. 14C

Lv	RL	CALLS	%BASE	%CUM	BASE	CUM	CumA	INDENT HkKey_HkName
0	1	3	12.16	100.00	9	74	74	bigtree_pidtid
1	1	3	12.16	87.84	9	65	65	- A
2	1	3	28.38	28.38	21	21	21	--B
2	1	3	20.27	47.30	15	35	35	--C
3	1	2	18.92	18.92	14	14	14	---D
3	1	1	8.11	8.11	6	6	6	---E

FIG. 15

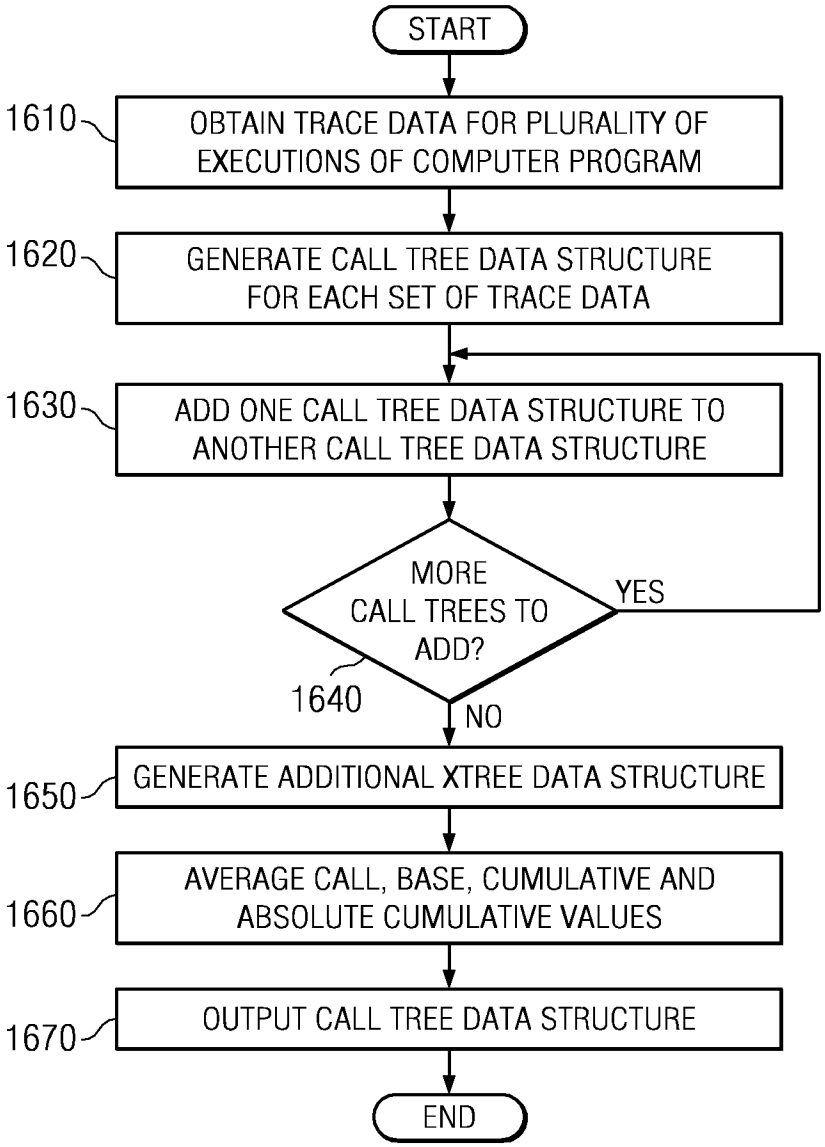

FIG. 16